

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AL\
 Data File : FD037057.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 00:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 03:33:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.477	2347780	20.107 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	12.910	1693073	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.276	2378922	20.190 ug/ml
2) T n-Decane (C10)	4.337	2391335	20.164 ug/ml
3) T A~Naphthalene (C11.7)	5.911	2644596	20.152 ug/ml
4) T n-Dodecane (C12)	6.347	2394151	20.161 ug/ml
5) T A~2-methylnaphthalene...	6.963	2645453	20.175 ug/ml
6) T n-Tetradecane (C14)	8.135	2335113	20.173 ug/ml
7) T n-Hexadecane (C16)	9.730	2216409	20.160 ug/ml
8) T n-Octadecane (C18)	11.166	2224730	20.290 ug/ml
10) T n-Eicosane (C20)	12.469	2145027	20.222 ug/ml
11) T n-Heneicosane (C21)	13.078	2114178	20.124 ug/ml
13) T n-Docosane (C22)	13.661	2073410	20.170 ug/ml
14) T n-Tetracosane (C24)	14.759	2035435	20.094 ug/ml
15) T n-Hexacosane (C26)	15.775	1971621	20.187 ug/ml
16) T n-Octacosane (C28)	16.719	1952179	20.309 ug/ml
17) T n-Tricontane (C30)	17.602	1939572	20.168 ug/ml
18) T n-Dotriacontane (C32)	18.428	1955948	19.887 ug/ml
19) T n-Tetratriacontane (C34)	19.208	1911552	20.139 ug/ml
20) T n-Hexatriacontane (C36)	19.943	1864552	19.799 ug/ml
21) T n-Octatriacontane (C38)	20.653	1733570	20.136 ug/ml
22) T n-Tetracontane (C40)	21.502	1925201	20.065 ug/ml

(f)=RT Delta > 1/2 Window

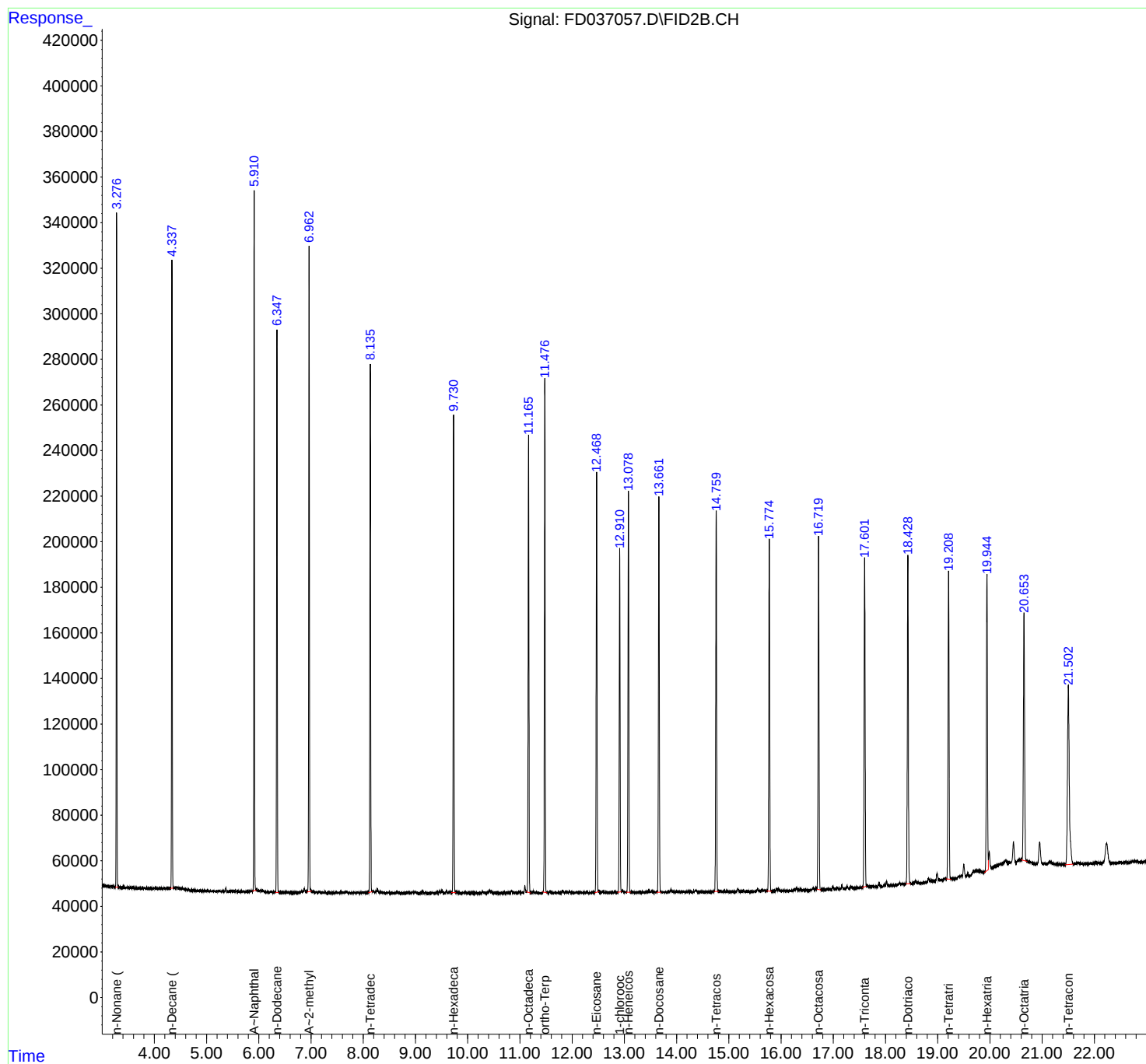
(m)=manual int.

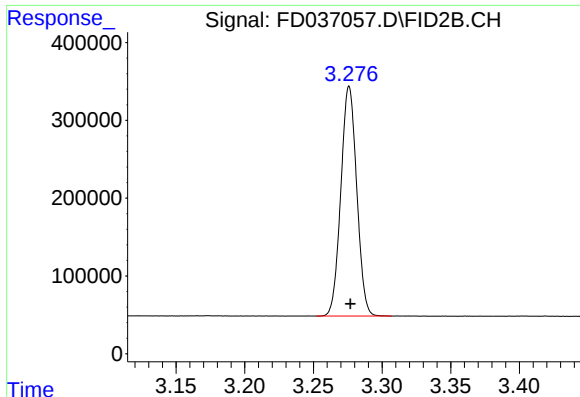
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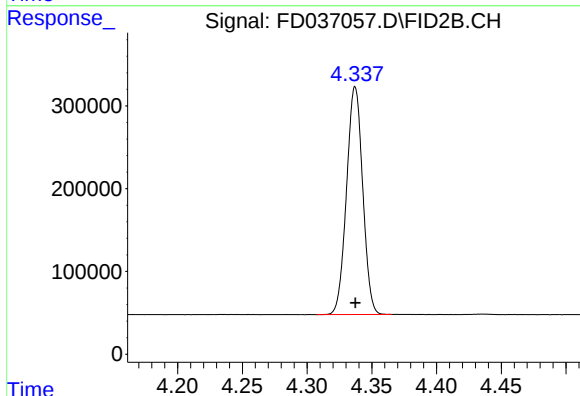




#1 n-Nonane (C9)

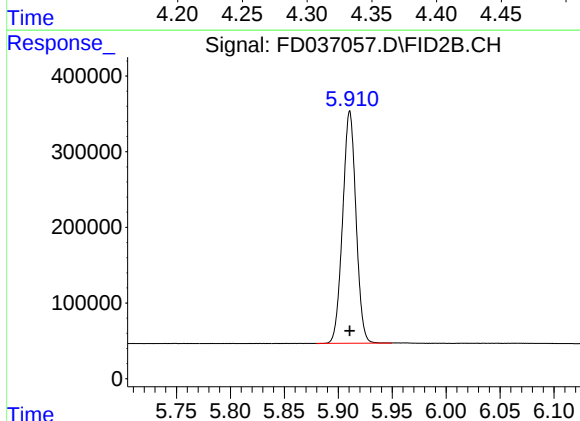
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2378922
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :



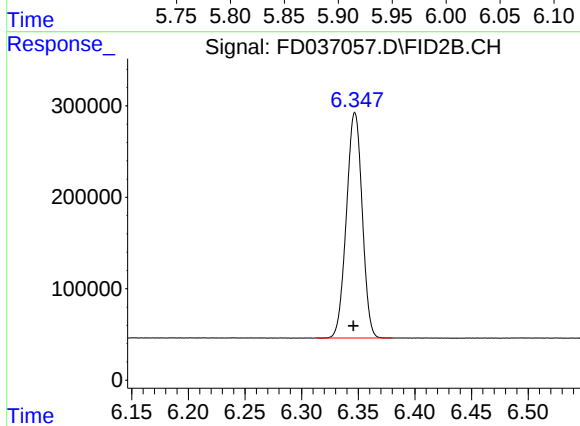
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2391335
Conc: 20.16 ug/ml



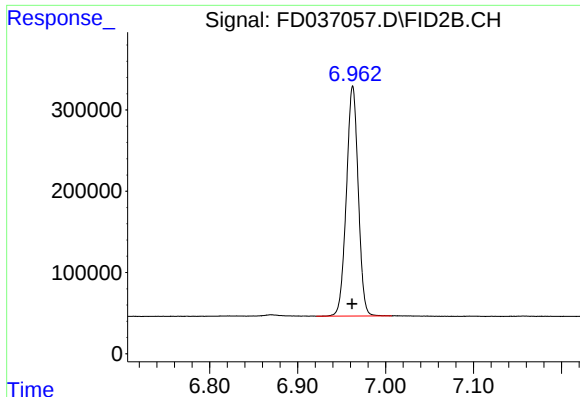
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 2644596
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

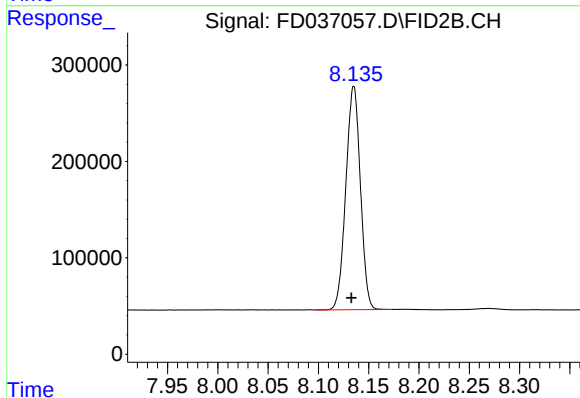
R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 2394151
Conc: 20.16 ug/ml



#5 A~2-methylnaphthalene (C12.89)

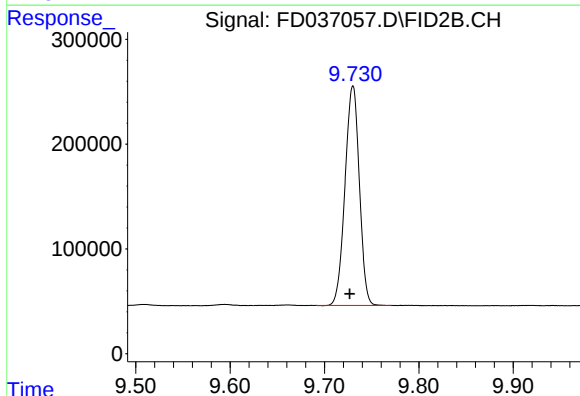
R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 2645453
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :



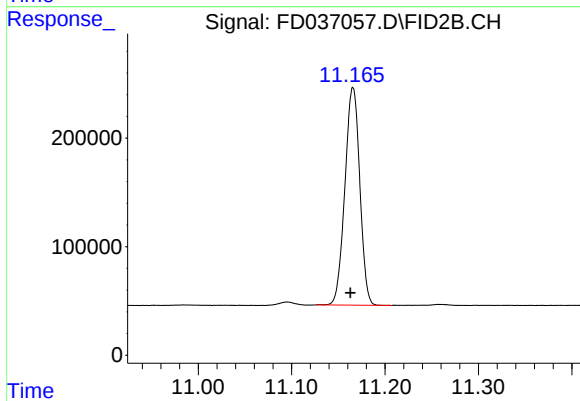
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: 0.002 min
Response: 2335113
Conc: 20.17 ug/ml



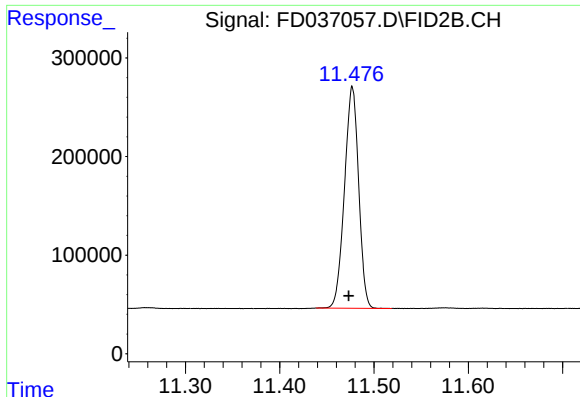
#7 n-Hexadecane (C16)

R.T.: 9.730 min
Delta R.T.: 0.003 min
Response: 2216409
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

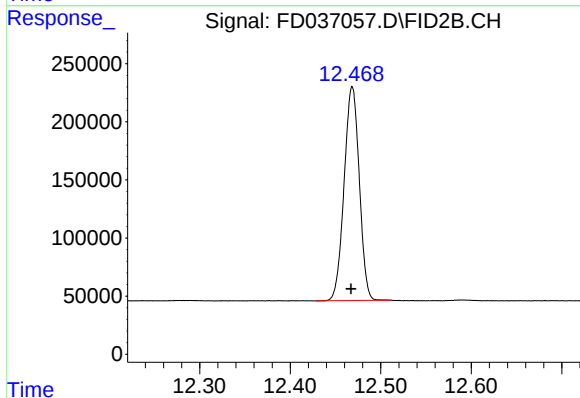
R.T.: 11.166 min
Delta R.T.: 0.003 min
Response: 2224730
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

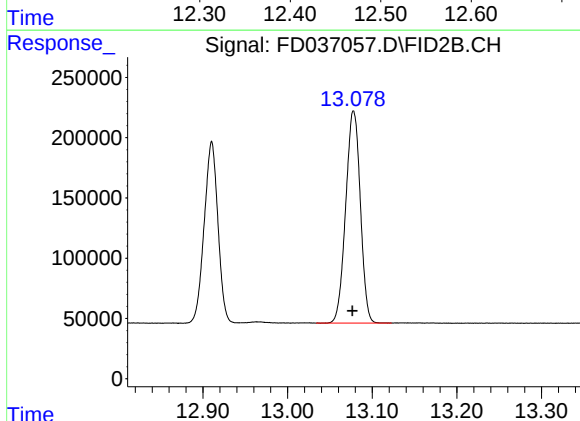
R.T.: 11.477 min
Delta R.T.: 0.004 min
Response: 2347780
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



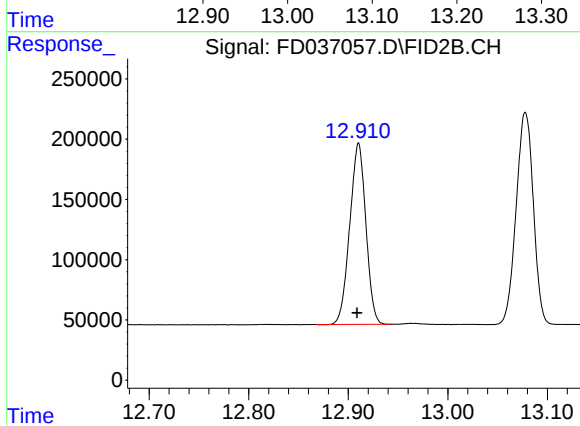
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: 0.001 min
Response: 2145027
Conc: 20.22 ug/ml



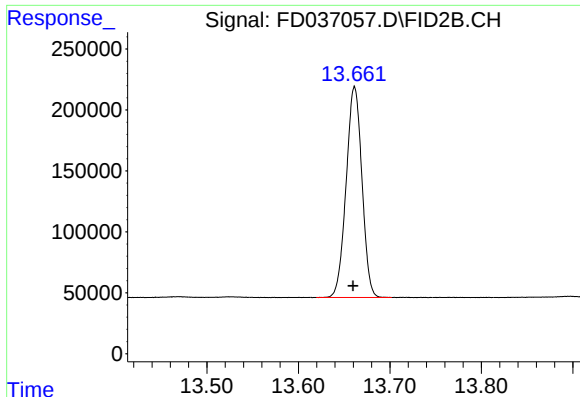
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.002 min
Response: 2114178
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

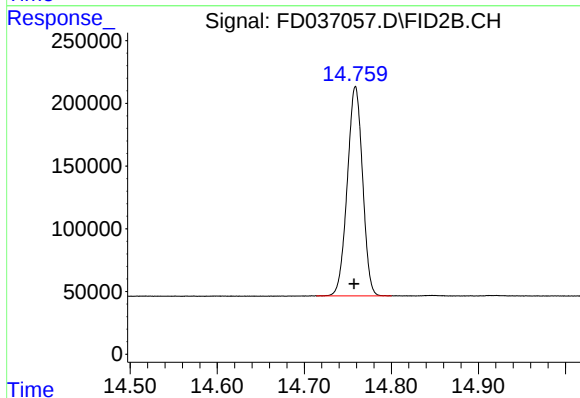
R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 1693073
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

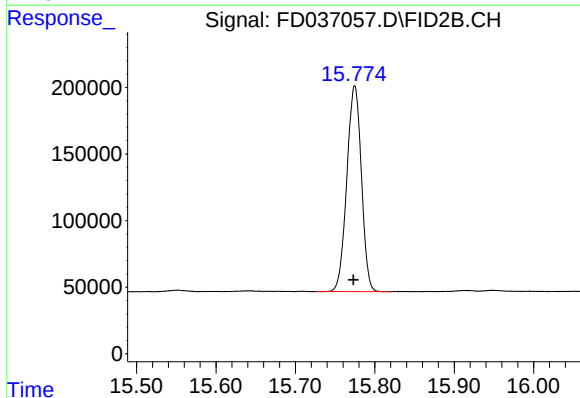
R.T.: 13.661 min
Delta R.T.: 0.002 min
Response: 2073410
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



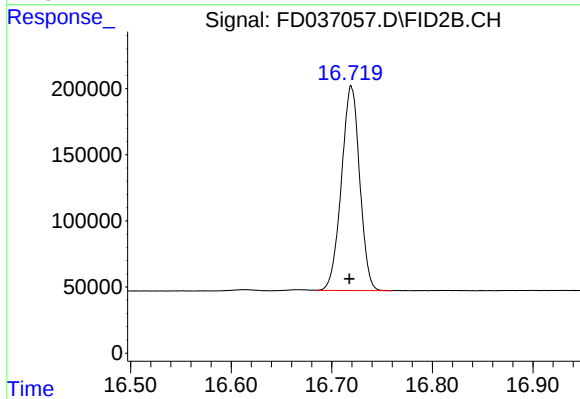
#14 n-Tetracosane (C24)

R.T.: 14.759 min
Delta R.T.: 0.002 min
Response: 2035435
Conc: 20.09 ug/ml



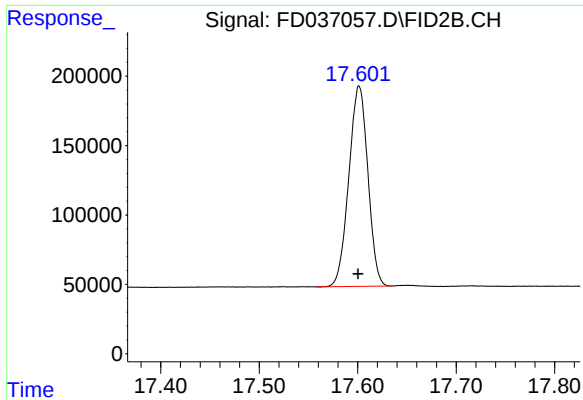
#15 n-Hexacosane (C26)

R.T.: 15.775 min
Delta R.T.: 0.002 min
Response: 1971621
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

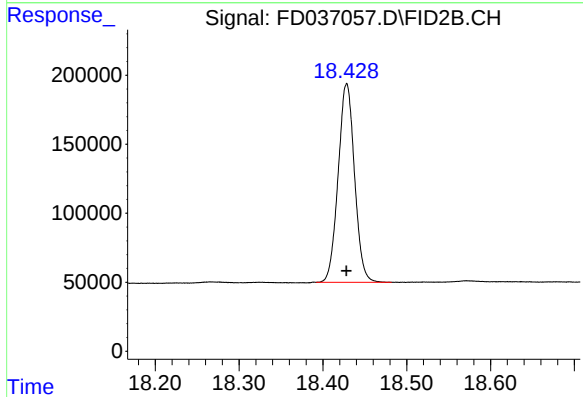
R.T.: 16.719 min
Delta R.T.: 0.002 min
Response: 1952179
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

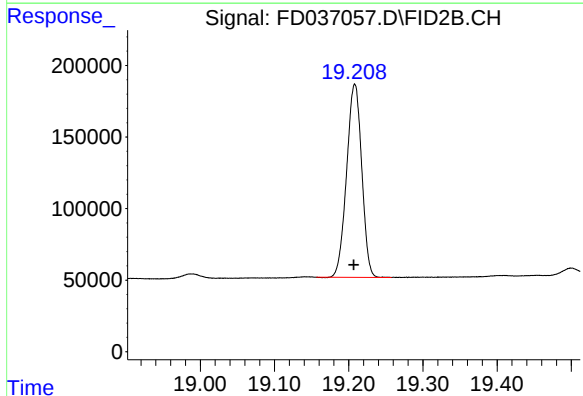
R.T.: 17.602 min
Delta R.T.: 0.001 min
Response: 1939572
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



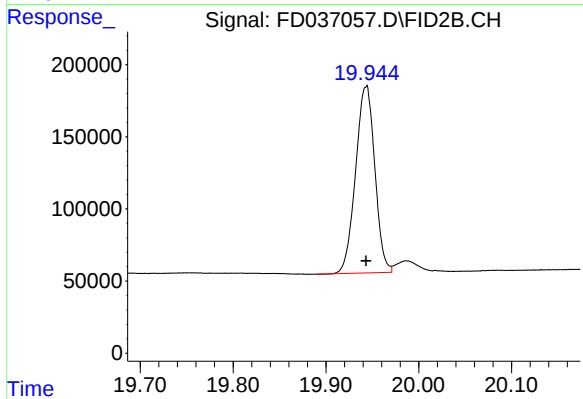
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: 0.000 min
Response: 1955948
Conc: 19.89 ug/ml



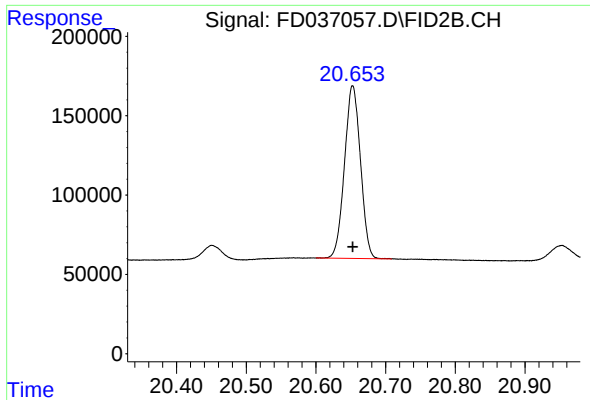
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: 0.001 min
Response: 1911552
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

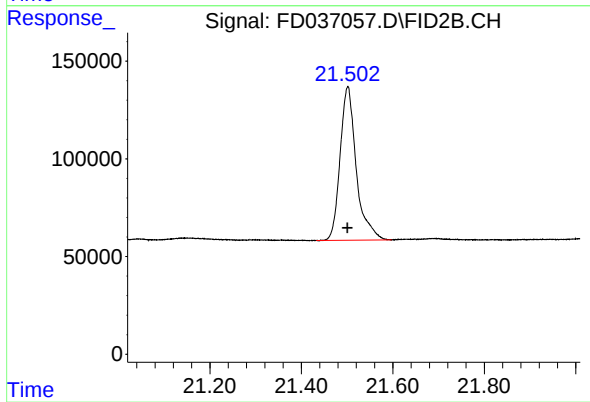
R.T.: 19.943 min
Delta R.T.: 0.000 min
Response: 1864552
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.653 min
Delta R.T.: 0.000 min
Response: 1733570
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: 0.000 min
Response: 1925201
Conc: 20.07 ug/ml